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TECHNICAL DATA SHEET ergo 4003

Thread Locker, low strength

Description

Universal product with medium viscosity. Suitable for threaded joints, which shall be removable later on and for small threads. Especially developed screws with length of 2D.

Physical Properties (liquid product)

Chemical Base: Diester of Methacrylic Acid

Colour: purple / fluorescent

Viscosity: 800 - 1200 mPa.s 25°C Brookfield RVT

Spindle/rpm 2/20

Density: 1.09 g/cm³ 25°C

Max. thread diameter: M 36

Max. gap filling: 0.20 mm

Flash point: > 100°C

Shelf life: 1 year at room temperature

Physical Properties (cured product)

Measured on M10 x 20 bolt - grade 8.8 zinc galvanised - nut 0.8d (no on-torque)

Initial strength after:15 - 30 minutesFunctional strength after:1 - 3 hoursFinal strength after:5 - 10 hours

Loose-break torque: 10 - 18 Nm (M10) DIN 54454

Prevailing torque: 2 - 8 Nm (M10)

Shear strength: 3 - 5 N/mm² DIN 54452

Thermal range: - 55°C up to +150°C

WARRANTY INFORMATION - PLEASE READ CAREFULLY

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